

EQ 781308133 US

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|--|---|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 126866-00008 |
| INTERNATIONAL APPLICATION NO. PCT/US2005/04105 | | INTERNATIONAL FILING DATE February 10, 2005 |
| TITLE OF INVENTION SECURITY INK | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/589088 |
| APPLICANT(S) FOR DO/EO/US Adamson, et al. | | PRIORITY DATE CLAIMED February 12, 2004 |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|---|--------------|---|---------|--|--------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/589088 | | INTERNATIONAL APPLICATION NO. PCT/US2005/04105 | | ATTORNEY'S DOCKET NUMBER 126866-00003 | |
| 20. Other items or information: | | | | | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300 | | | | \$ 300.00 | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) | | | | \$ 200.00 | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ... \$0 | | | | | |
| All other situations ... \$200 | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) | | | | \$ 400.00 | |
| If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ... \$0 | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ... \$100 | | | | | |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ... \$400 | | | | | |
| All other situations ... \$500 | | | | | |
| TOTAL OF 21, 22 and 23 = | | | | \$900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250 | \$ | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 70 - 20 = | 50 | x \$ 50 | \$2500.00 | |
| Independent claims | 4 - 3 = | 1 | x \$200 | \$200.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 3600.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | |
| SUBTOTAL = | | | | \$ 1800.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ 1800.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ 0 | |
| | | | | Amount to be refunded: | \$ 0 |
| | | | | Amount to be charged | \$ 1800.00 |

10/589088
IAP11 Rec'd PCT/PTO 10 AUG 2006

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 503654 in the amount of \$ 1800.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Jonathan P. O'Brien
Miller, Canfield, Paddock and Stone PLC
444 West Michigan Avenue
Kalamazoo, MI 49007


SIGNATURE

Jonathan P. O'Brien
NAME

50,852
REGISTRATION NUMBER

CERTIFICATE OF FILING BY EXPRESS MAIL UNDER 37 CFR 1.10

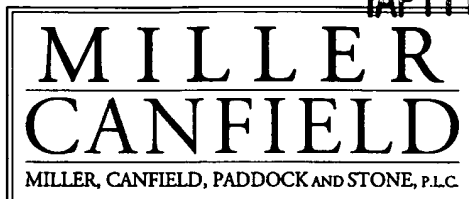
This is to certify that the following documents were mailed by U.S. Postal Service Express Mail, Reference No. EQ 781308133 US to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 4, 2006.

- 1) Transmittal Letter to the United States Designated/Elected Office (PTO-1390) (3 sheets);
- 2) Application (28 sheets); and
- 3) This Certificate of Filing by Express Mail.

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By: Sandra J. Sinotte
Sandra J. Sinotte

Founded in 1852
by Sidney Davy Miller



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August 10, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Inventors: Adamson, et al.
Express Mail No.: EQ 781308133 US
Our Reference No.: 126866-00008
Title: SECURITY INK

Dear Sir or Madam:

Enclosed for filing please find:

- 1) Transmittal Letter to the United States (PTO-1390) (3 sheets);
- 2) Application (28 sheets); and
- 3) Certificate of Filing by Express Mail.

Please note that the above referenced U.S. national phase application of International Application No. PCT/US2005/04105 claims priority under 35 U.S.C. § 119(e) to U.S. Serial Number 60/534,868 filed on February 12, 2004.

Some of the filing particulars are:

Inventor Information:

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Citizenship: USA

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Houston, Texas 77070
Citizenship: USA

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

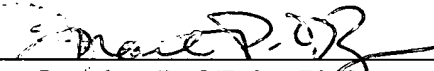
-2-

August 10, 2006

We are also enclosing a post card receipt which we ask that you return to us acknowledging the date of receipt and the assigned serial number.

Very truly yours,

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By: 
Jonáthán P. O'Brien Ph.D.
Registration Number: 50,852

JPO/sjs
Enclosures
cc: Virtic, LLC w/encs.

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